

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-234080

(43)Date of publication of application : 13.09.1996

(51)Int.Cl.

G02B 7/08
G02B 7/04
H04N 5/232

(21)Application number : 07-036575

(71)Applicant : FUJI PHOTO FILM CO LTD

(22)Date of filing : 24.02.1995

(72)Inventor : FUJISHI SHIGEO
NAKAYAMA TAKASHI

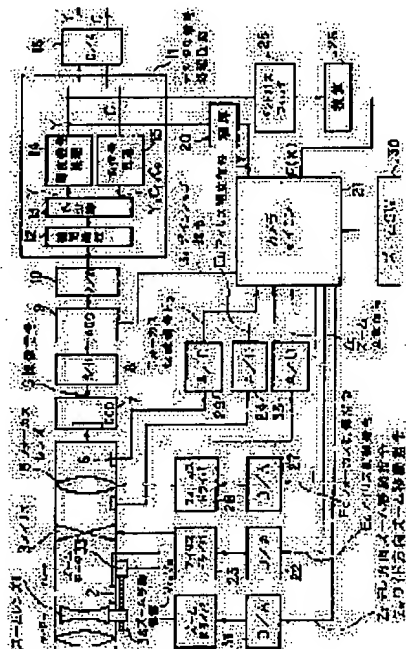
(54) ZOOMING CONTROL METHOD FOR VIDEO CAMERA

(57)Abstract:

PURPOSE: To always keep a zoom lens moving speed constant.

CONSTITUTION: When a zoom switch 30 is switched to a tele-photo side or a wide-photo side, a moving instruction for zooming in a tele-photo direction ZT, or a moving instruction for zooming in a wide-photo direction ZW is outputted by a camera microcomputer 21, a zooming voltage VT, or VW corresponding to the instruction ZT, or ZW is inputted to a zoom motor 33.

The zoom motor 33 is rotated with torque corresponding to the zoom voltage DT, or DW, not only a zooming movement mechanism 34, but also the zoom lens 1 are moved for zooming accompanying the rotation of the motor 33. The position of the zoom lens 1 is detected by a zoom position sensor 2, the zoom position signal ZD is inputted into the camera microcomputer 21. The zooming speed is obtained by the camera microcomputer 21 based on the zoom position signal ZD, then, the zooming movement instructions ZT and ZW are increased/ decreased so that the obtained zooming speed may become a reference zooming speed.



LEGAL STATUS

[Date of request for examination] 09.01.2002

[Date of sending the examiner's decision of rejection] 21.09.2004

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision]

BEST AVAILABLE COPY

of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office